

## Certificate of Analysis

### Compound Information

|                            |                             |
|----------------------------|-----------------------------|
| <b>Product Name:</b>       | Potassium iodide ,meet Ch.P |
| <b>Cat. No.:</b>           | 1042580                     |
| <b>CAS No.:</b>            | 7681-11-0                   |
| <b>Molecular Formula:</b>  | IK                          |
| <b>Molecular Weight:</b>   | 166.00                      |
| <b>Chemical Structure:</b> |                             |



### Batch Information

|                     |   |
|---------------------|---|
| <b>Batch No.:</b>   | L369380                                       |
| <b>Storage:</b>     | RT, protect from light, stored under nitrogen |
| <b>Test Date:</b>   | 2024-03-12                                    |
| <b>Retest Date:</b> | 2027-03-11                                    |
| <b>Origin:</b>      | Shanghai, China                               |

### QC Summary

| QC Summary                          | Specification  | Result                     |
|-------------------------------------|--|----------------------------|
| <b>Appearance:</b>                  | White to off-white (Solid)   | White (Crystalline Powder) |
| <b>Identification Experiment:</b>   | Identification Reaction of Potassium Salt and Iodide in Aqueous Solution | qualified                  |
| <b>Sulfate(SO<sub>4</sub>),ω/%:</b> | ≤0.04  | qualified                  |
| <b>Loss On Drying,ω/%:</b>          | ≤1.0   | qualified                  |
| <b>Heavy Metals(as Pb),ppm:</b>     | ≤10  | qualified                  |
| <b>Arsenic(As),ω/%:</b>             | ≤0.02  | qualified                  |
| <b>Chloride(Cl),ω/%:</b>            | ≤0.5   | qualified                  |
| <b>Iodate:</b>                      | Qualified  | qualified                  |
| <b>Barium(Ba):</b>                  | Qualified  | qualified                  |
| <b>Assay,ω/%:</b>                   | ≥99.0  | 99.2                       |
| <b>Conclusion:</b>                  | The product has been tested and complies with the given specifications.  |                            |

**Caution: Research use only and are not intended for human use.**

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